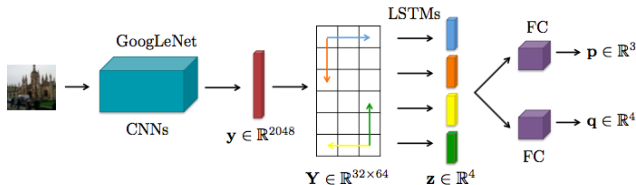


Image-based Localization with Spatial LSTMs

F. Walch, C. Hazirbas, L. Leal-Taixe, T. Sattler, S. Hilsenbeck, D. Cremers (ARXIV 2016)



- ▶ Proposes a new CNN+LSTM architecture for camera pose regression for indoor and outdoor scenes
- ▶ Contributions:
 - ▶ Provides an extensive quantitative comparison of CNN-based vs SIFT-based localization methods
 - ▶ introduces a new challenging large indoor benchmark with accurate ground truth pose information
- ▶ Evaluates on outdoor scenes like Cambridge and indoor scenes such as 7Scenes, LSI Localization datasets